Attorney Docket No. 1794-0141P

Attended To Black, STEWART, KOLASCH & BIRCH, LLP

PO Box 747 • Falls Church, Virginia 22040-0747

Telephone (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name, that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if piural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

	inventors are named belov	w) of the subject matter which is claimed	d and for which a patent is sought on the inve	ention entitled:			
Insert Title:	IMPURITY DOPING METHOD FOR SEMICONDUCTOR AS WALL AS SYSTEM THEREFOR AND SEMICONDUCTOR MATERIALS PREPARED THEREBY						
Fill in Appropriate Information -	the specification of which is attached hereto. If not attached hereto, the specification was filed on August 30, 2001 Limited States Application Number as						
For Use Without	onited balles repried to the file in the f						
Attached.	ectrication and amended on						
, italiana.	the specification was filed onas PCT International Application Number						
	International Application Number						
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.						
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:						
Insert Priority	Prior Foreign Applicati	on(s)		Priority Claimed			
Information:	2000-264743	<u>Japan</u>	September 1, 2000				
(if appropriate)	(Number)	(Country)	(Month/Day/Year Filed)	Yes No			
·							
	(Number)	(Country)	(Month/Day/Year Filed)	Yes No			
	(Number)	(Country)	(Month/Day/Year Filed)	Yes No			
	(Number)	(Country)	(Month/Day/Year Filed)	Yes No			
	I hereby claim the benefit	under Title 35, United States Code, §11	9(e) of any United States provisional applica-	tions(s) listed below.			
Ir Provisional A, attom(s): (if any)	(Application Number)		(Filing Date)				
	(Application Number)		(Filing Date)	g Date)			
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:						
	Country	Application Number	Date of Filing (Month/Day/Year)				
Insert Requested Information: (if appropriate)							
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.						
Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, per	nding, abandoned)			
Page 1 of 2 (Rev. 01/22/01)	(Application Number)	(Filing Date)	(Status - patented, per	nding, abandoned)			

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I hereby appoint the following attorneys to prosecute this application and or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary.

Raymond C. Stewart (Reg. No. 21,066) Joseph A. Kolasch (Reg. No. 22,463) Bernard L. Sweeney (Reg. No. 24,448) Charles Gorenstein (Reg. No. 30,230) Leonard R. Svensson (Reg. No. 30,330) Andrew D. Meikle (Reg. No. 32,868) Joe McKinney Muncy (Reg. No. 32,881) John W. Bailey (Reg. No. 35,416) Mark J. Nuell (Reg. No. 36,623)	Terrell C. Birch James M. Slattery Michael K. Mutter Gerald M. Murphy, Jr. Terry L. Clark Marc S. Weiner Donald J. Daley John A. Castellano Thomas S. Auchterlonie	(Reg. No. 19,382) (Reg. No. 28,380) (Reg. No. 29,680) (Reg. No. 32,644) (Reg. No. 32,644) (Reg. No. 32,181) (Reg. No. 34,313) (Reg. No. 35,094) (Reg. No. 37,275
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Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

or Customer No. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

FOLLOWING:

Full Name of First or Sole Inventor Insert Name of Inventor → Insert Date This

Insert Residence

Insert Post Office

Full Name of Second Investor, if any see above

Full Name of Third Inventor, if any see above

Full Name of Fourth Inventor, if any see above I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Yoshinobu AOYAGI	W Ander	\mathcal{O} :	O.J. 2, 200			
Residence (City, State & Country)	1 7 7 7 7	CITIZENSHIP				
Wako-shi, Saitama JAPAN		Japanese				
MAILING ADDRESS (Complete Street Address in	cluding City, State & Country)					
c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351	-0198 JAPAN					
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Souhachi IWAI	1. Tutle		Cet. 2, 2001			
Residence (City, State & Country)		CITIZENSHIP	1			
Wako-Shi, Saitama JAPAN		Japanese				
MAILING ADDRESS (Complete Street Address including City, State & Country)						
c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351						
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	- 1	DATE*			
Hideki HIRAYAMA	A Hirayama		Oct. 3, 2001			
Residence (City, State & Country)	111	CITIZENSHIP	000,09,			
Wako-shi, Saitama JAPAN	· /	Japanese				
MAILING ADDRESS (Complete Street Address inc	cluding City, State & Country)					
c/o RIKEN, 2-1, Hirosawa, Wako-Shi, Saitama 351-	-0198 JAPAN					
GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE	<u></u>	DATE*			
Residence (City, State & Country)	CITIZENSHIP					
MAILING ADDRESS (Complete Street Address inc	cluding City, State & Country)	1				
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*DATE OF SIGNATURE